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Title:
Perfect score:
Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Result
No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Run
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OM protein - protein search, using sw model
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  score g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Issued_Patents_AA:*
1: /cgn2_6/ptodata/1,
2: /cgn2_6/ptodata/1,
3: /cgn2_6/ptodata/1,
4: /cgn2_6/ptodata/1,
5: /cgn2_6/ptodata/1,
6: /cgn2_6/ptodata/1,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-659-737A-2
293
1 HRDIKAGNILLLEK:
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Match
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Gapop 10.0 ,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       262574 seqs, 29422922 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
  0.00 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 / 4.4 /
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HRDIKAGNILLLEKIEHDDI.....EWHRTTKMSTAGTYAWMAPE 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/Dackfiles1.pep:*
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                      US-08-22-616-14

US-08-446-648-14

PCT USS-04228-14

US-08-395-04228-14

US-08-395-08-25

PCT USS-07-92-2

US-09-221-235-5

US-09-221-236-5

US-09-221-245-5

US-09-221-237-5

US-09-39-53-76-6

US-08-955-641-6

US-08-955-641-6

US-08-955-841-5

US-08-265-966-966-966-966-966-966-968-957-717-331F-2

US-08-265-828-2

US-08-265-828-2

US-08-265-841-5

US-08-265-841-5

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US-08-265-841-5

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58.846 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Description
  Sequence
  14, Appl
14, Appl
14, Appl
22, Appli
22, Appli
23, Appli
54, Appli
55, Appli
55, Appli
56, Appli
57, Appli
57, Appli
58, Appli
59, Appli
60, Appli
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;; TOPOLOGY: US-08-222-616-14

RESULT 1 US-08-722-616-14 US-08-722-616-14 Sequence 14, Application US/08222616 Patent No. 5635177 Fatent No. 563517 Fatent No. 56351 Fatent No. 563517 Fatent No. 56351 Fatent No. 56351	28 98 33.4 263 4 US-09-566-906-5 29 98 33.4 821 1 US-08-261-432-2 31 98 33.4 821 1 US-08-261-432-2 32 98 33.4 821 1 US-08-261-432-2 33 98 33.4 821 5 PCT-US93-07347-2 34 97.5 33.3 267 2 US-08-2701-191A-16 36 97 33.1 293 2 US-08-791-191A-16 37 97 33.1 1089 1 US-08-168-917-4 39 97 33.1 1089 1 US-08-168-917-4 40 97 33.1 1089 1 US-08-168-917-4 41 97 33.1 1089 2 US-08-460-510-4 42 97 33.1 1089 2 US-08-460-510-4 43 97 33.1 1089 2 US-08-460-510-4 44 97 33.1 1089 3 US-08-460-90-400-36 45 97 33.1 1089 3 US-08-462-728-2
	Sequence 5, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 42, Appli Sequence 16, Appli Sequence 6, Appli Sequence 36, Appli Sequence 2, Appli

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RESULT 3
PCT-US95-04228-14
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US-08-446-648-14
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US-08-446-648-14
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Best Local Similarity
Watches 32; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       δÃ
                                  Sequence 14, Application PC/TUS9504228 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                  TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 45 amino acids
                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 14,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL
      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 415/225-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 04-APR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/2:
FILING DATE: 04-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: 3.5 inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: WOOD, WILLIAM I.
TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                          NAME: Lee, Wendy M.
REFERENCE/DOCKET NUMBER: PO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
                                                                                                                                                                                                                                                                           TYPE:
                                                                                                                                                                                                                                                                                                                                                             TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                       1 HRDIKAGNILLLEKIEHDDICNKTLKITDEGLAREWHRTTKMS 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 HRDIKAGNILLLEKIEHDDICNKTLKITDFGLAREWHRTTKMS 43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION:
                                                                                                                                                                                    32;
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                                                                                                                                                                                                                                                                           Amino Acid
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   Bennett, Brian D.
                                                                                                                                                                                    Conservative
                    Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Tsai, Siao Ping
Wood, William I.
                                                                                                                                                                                                                                                           Linear
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Goeddel, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matthews, William
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Lee,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Genentech,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              James M.
                                                                                                                                                                                              59.08;
74.48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    inch,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 59.08;
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                                                                                                                                                                                Score 173; DB Pred. No. 5.9e 7; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                            P0821P3PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 173; DB 1;
Pred. No. 5.9e-18;
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                                                                                                                                                                                                              DB 4;
                                                                                                                                                                                                .9e-18;
                                                                                                                                                                                                           Length 45;
                                                                                                                         44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 45;
                                                                                                                                                                                Indels
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                                                                                                                                                                               0;
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                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                              US-08-205-018-2
                                                                                                                                                                                                                                                                Sequence 2, Application US/08205018 Patent No. 5554523 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                APPLICANT: Reddy, Usharani R.
APPLICANT: Pleasure, David
TITLE OF INVENTION: No. 5554523el Protein Kinase, Nucleic Acid
TITLE OF INVENTION: Sequences Encoding the Same and Methods Rel
TITLE OF INVENTION: Thereto
                                                                                                                                                            NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                CITY: Philadelphia
                                                                                                                 STREET:
OPERATING SYSTEM:
                                                         ZIP: 19103
                                                                     COUNTRY:
                                                                                        STATE:
                                                                                                                            ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and ADDRESSEE: No. 5554521118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                     PΑ
                                                                                                                  One Liberty Place - 46th Floor
                                                                       USA
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PC-DOS/MS-DOS

Same and Methods Related

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PCT-US95-04228-14
                                                                                                                                                                            TELEX: 415/371-7168
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 14
SEQUENCE CHARACTERISTICS:
"FNGTH: 45 amino acids
                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 04-APR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/2
FILING DATE: 04-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Tsai, Siao Ping
APPLICANT: WOOd, William I.
TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES
NUMBER OF SEQUENCES: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                TELEPHONE: 415/2-
TELEPHONE: 415/952-9881
                                                                                                                                                                                                                                                                                                                    NAME: Wendy M. Lee
REGISTRATION NUMBER: 00
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno
CITY: South San Francisco
                  1 HRDIKAGNILLLEKIEHDDICNKTLKITDFGLAREWHRTTKMS 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
2 HRDLKSNNILLLQPIESDDMEHKTLKITDFGLAREWHKTTQMS 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        94080
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                                                                       Conservative
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                                                                                      Score 173; DB 5;
Pred. No. 5.9e-18;
                                                                     Mismatches
                                                                                                    Length 45;
                                                                     Indels
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US-08-395-580-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/08395580 Patent No. 5676945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                   TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5676945ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Usharani R. Reddy, David Pleasure and the Children's APPLICANT: Hospital of Philadelphia TITLE OF INVENTION: No. 5676945el Protein Kinase, Nucleic Acid TITLE OF INVENTION: Sequences Encoding the Same and Methods Related Thereto
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/205,018
FILING DATE: 01-MAR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: WordPerfect
CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
 MOLECULE TYPE:
                                                                                                                              TELECOMMUNICATION INFORMATION: 215-568-3100
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REGISTRATION NUMBER: 3
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       TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: herewi
                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM:
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                                                                                                                                                                    REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: CH-0488
                                                     LENGTH:
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                                                                                                                                                                                                       Rebecca L. Ralph (formerly Gaumond)
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protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                     inch disk, 720 Kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PCT-US95-02792-2
                                                                                                                                                                                                                                                                                                                                                RESULT 7
US-09-221-235-5
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                                                                                                                                                                                                                                        Sequence 5, Application US/09221235
Patent No. 6043040
GENERAL INFORMATION:
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Best Local
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APPLICANT: ACTON, SUSAN TITLE OF INVENTION: NOVEL CSAPK-1 NUCLEIC ACID MOLECULES FILE REFERENCE: MNI-050 CURRENT APPLICATION NUMBER: US/09/221,235 CURRENT FILING DATE: 1998-12-28 EARLIER APPLICATION NUMBER: 09/163,115 EARLIER FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: 3.5 inc
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ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and Norris STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
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FILING DATE: 01-MAR-1994
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les 28; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 215-568-3439
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 35
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 HRDIKAGNILLLEKIEHDDICNKTLKITDFGLAREW-HRTTKMSTAGTYAWMAPE 54
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Sequences Encoding the Same and Methods Related Thereto
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11; Mismatches
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                                                                                                                                      ; TYPE: PRT ; ORGANISM: Homo sapiens US-09-221-527-5
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US-09-221-928-5
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                                                                        Matches
                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 5
LENGTH: 4:55
                                                                                                                                                                                                                             APPLICANT: Acton, Susan
TITLE OF INVENTION: NOVEL CSAPK-1 NUCLEIC ACID MOLECULES AND USES THEREFOR
FILE REFERENCE: MNI-050
CURRENT APPLICATION NUMBER: US/09/221,527
CURRENT FILING DATE: 1998-12-28
EARLIER APPLICATION NUMBER: 09/163,115
EARLIER APPLICATION NUMBER: 09/163,115
NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application US/09221527 Patent No. 6146832
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Best Local Similarity
Matches 23; Conserv
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Patent No. 6121030
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CURRENT FILING DATE: 1998-12-28
EARLIER APPLICATION NUMBER: 09/163,115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Acton, Susan TITLE OF INVENTION: NOVEL CSAPK-1 NUCLEIC ACID MOLECULES AND USES THEREFOR FILE REFERENCE: MNI-050
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SOFTWARE: PatentIn Ver. 2.0
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TYPE: PRT
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SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
                                                                                                                                                                                        ENGTH: 455
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                              1 HRDIKAGNILLLEKIEHDDICNKTLKITDFGLAREWHRTTKMSTAGTYAWMAPE 54
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Local Similarity 42.6%;
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HRDLKSRNVVI-----AADGVLKICDFGASRFHNHTTHMSLVGTFFWMAPE 176
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42.68;
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42.6%;
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                                                               Score 114; DB 4;
Pred. No. 3.1e-08;
9; Mismatches 14;
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Pred. No. 3.1e-08;
9; Mismatches 14
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LEGATION 455
TYPE: PRT
ORGANISM: Homo sapiens
US-09-221-416-5
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US-09-221-416-5
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                                                                                                                                                                                     Sequence 5, Application US/09221245
Patent No. 6180358
                                                                                                                                                                    GENERAL INFORMATION:
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Patent No. 6133417
GENERAL INFORMATION:
APPLICANT: Acton, Susan
TITLE OF INVENTION: NOVEL CSAPK-1 NUCLEIC
FILE REFERENCE: MNI-050
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Best Local Similarity
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                                                                                                      APPLICANT: Acton, Susan TITLE OF INVENTION: NOVEL CSAPK-1 NUCLEIC ACID MOLECULES FILE REFERENCE: MNI-050
                                                             CURRENT APPLICATION NUMBER: US/09/221,245 CURRENT FILING DATE: 1998-12-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/221,416
CURRENT FILING DATE: 1998-12-28
EARLIER APPLICATION NUMBER: 09/163,115
EARLIER FILING DATE: 1998-09-29
                   EARLIER APPLICATION NUMBER: US 09/163,115 EARLIER FILING DATE: 1998-09-29
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CURRENT FILING DATE: 1998-12-28
EARLIER APPLICATION NUMBER: 09/163,115
EARLIER FILING DATE: 1998-09-29
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NUMBER OF SEQ ID NOS:
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SOFTWARE: Patentin Ver.
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Pred. No. 3.1e-08;
9; Mismatches 14
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; TYPE: PRT; ORGANISM: Homo sapiens US-09-221-245-5
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US-09-221-528-5
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US-09-163-115-5
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                                                                                                                                    ; TYPE: PRT; ORGANISM: Homo sapiens US-09-221-528-5
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; ORGANISM: Homo sapiens
US-09-163-115-5
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APPLICANT: ACTON, SUSAN
TITLE OF INVENTION: NOVEL CSAPK-1 NUCLEIC ACID MOLECULES AND USES THEREFOR
FILE REFERENCE: MNI-050
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CURRENT FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 15
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EARLIER APPLICATION NUMBER: 09/163,115
EARLIER FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                          APPLICANT: Acton, Susan TITLE OF INVENTION: NOVEL CSAPK-1 NUCLEIC ACID MOLECULES AND USES THEREFOR FILE REFERENCE: MUI-050 CURRENT APPLICATION NUMBER: US/09/221,528
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SEQ ID NO 5
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131 HRDLKSRNVVI----
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Local Similarity 42.6%;
nes 23; Conservative
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                              1 HRDIKAGNILLLEKIEHDDICNKTLKITDFGLAREWHRTTKMSTAGTYAWMAPE 54
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1 Similarity 42.6%;
23; Conservative
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                                                                 Similarity 42.6
23; Conservative
----AADGVLKICDFGASRFHNHTTHMSLVGTFPWMAPE 176
                                                                                   38.9%;
42.6%;
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                                                             Score 114; DB 4; Length 455; Pred. No. 3.1e-08; 9; Mismatches 14; Indels
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RESULT 15

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; LENGTH: 455
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-593-553-5
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Search completed: December 13, 2002, 23:32:53 Job time : 30 secs
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SEQ ID NO 5
FRANCTH: 455
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Patent No. 6200770
GENERAL INFORMATION:
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Best Local Similarity 42.6%;
Matches 23; Conservative
                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/593,553
CURRENT FILING DATE: 2000-06-14
PRIOR APPLICATION NUMBER: 09/163,115
PRIOR FILING DATE: 1998-09-28
NUMBER OF SED ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Acton, Susan
TITLE OF INVENTION: NOVEL CSAPK-1 NUCLEIC ACID MOLECULES AND USES THEREFOR
FILE REFERENCE: MNI-050
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131 HRDLKSRNVVI--
                                                                                             1 HRDIKAGNILLLEKIEHDDICNKTLKITDFGLAREWHRTTKMSTAGTYAWMAPE 54
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Pred. No. 3.1e-08;
9; Mismatches 14;
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